

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~An optical element~~ A solar cell comprising an optical element having both transparent areas and substantially non-transparent ~~areas,~~ areas disposed along a surface of the optical element, wherein

- the transparent areas are arranged such that individual, intermediate, substantially non-transparent areas ~~are substantially invisible to the naked eye, at least when the optical element is viewed in a predetermined range;~~ have an extent that is less than 1 mm in at least one direction in the plane of said surface; and
- the substantially non-transparent areas are arranged close to each other and extend at right angles to ~~a transparent face~~ said surface such that the transparent areas have a depth/width ratio that causes the optical element to allow, at a given point on the ~~transparent face,~~ said surface, passage of light with given angles of incidence, while light having other angles of incidence ~~are unable~~ is unable to pass through the optical element at the given ~~point,~~ point.

~~the optical element comprises a structure that forms at least a part of a solar cell,~~

~~the non-transparent areas have openings filled by the transparent areas, and~~

~~the transparent areas and the non-transparent areas are located in the same plane.~~

2. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised

in that said substantially non-transparent areas form a continuous face, such that the transparent areas appear as openings in the continuous face.

3. (Currently Amended) ~~An optical element~~ The solar cell according to claim 2, characterised in that said openings are elongate, whereby they have, in a given direction in a

plane of the continuous face, an extent that exceeds the extent in a direction at right angles thereto in the plane of the continuous face.

4. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised in that said transparent areas constitute a continuous face, such that the substantially non-transparent areas appear as islands in the continuous face.

5. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised in that the transparent areas and the substantially non-transparent areas are arranged in a mutually regular pattern.

6. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised in that the transparent areas have, at least in one direction in the plane of the face, an extent that is a maximum ten times the extent of the substantially non-transparent areas at right angles to the face.

7-8. (Canceled)

9. (Currently Amended) ~~An optical element~~ The solar cell according to ~~claim 8,~~ claim 1, characterised in that the transparent areas are arranged such that the individual, intermediate, substantially non-transparent areas have an extent that, at least in one direction in the plane of the face, is less than 100 μm .

10. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised in that the substantially non-transparent areas include any combination of a particulate semiconductor material and a particulate metallic material.

11. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1 characterised in that that it is configured as a film that can be attached to a surface on another optical element.

12. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised in that it is configured as an integral part of a window pane.

13. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised in that at least a part of the substantially non-transparent areas are configured for functioning as an electrode in a solar cell.

14. (Currently Amended) ~~An optical element~~ The solar cell according to claim 13, characterised in that said solar cell is a photo-electro-chemical solar cell.

15. (Currently Amended) ~~An optical element~~ The solar cell according to claim 14, characterised in that the substantially non-transparent areas comprise a semi-conductor, on which a suitable dye is adsorbed, and are configured for functioning as a photo-electrode.

16. (Currently Amended) ~~An optical element~~ The solar cell according to claim 14, characterised in that the substantially non-transparent areas comprise electrically conductive particulate material and are configured for functioning as a counter electrode .

17. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, characterised in that the substantially non-transparent areas comprise surfaces that are ~~configured as solar cells-~~ functioning as a carrier for the solar cells.

18. (Currently Amended) ~~An optical element~~ The solar cell according to claim 17, characterised in that ~~said solar cells are-~~ the solar cell is configured as thin-film ~~thin-film solar cells-~~ cell.

19. (Currently Amended) ~~An optical element~~ The solar cell according to claim 1, wherein the transparent areas include a transparent substrate.

20. (New) The solar cell according to claim 1, wherein the substantially non-transparent areas are configured as lamellae having a triangular cross section.

21. (New) The solar cell according to claim 1, wherein the substantially non-transparent areas are configured as tilted lamellae.

22. (New) The solar cell according to claim 20, wherein the lamellae have a depth (D), a thickness (T) and a mutual distance (A) exceeding 10 μm .